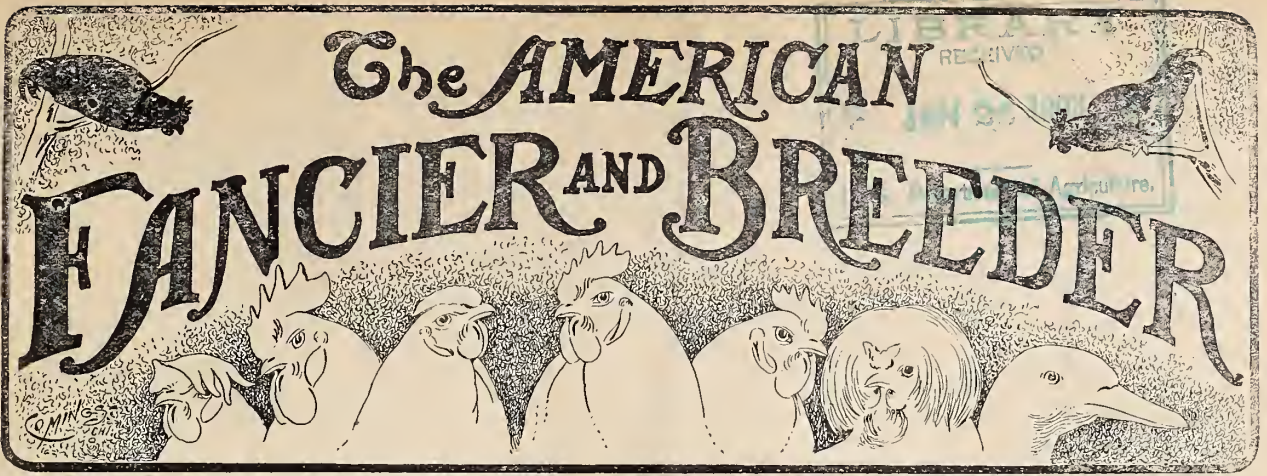


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The AMERICAN FANCIER AND BREEDER



Vol. 20.

De Kalb, Illinois., January, 1903.

No. 1.



A pair of Single Comb White Leghorns bred and owned by
J. D. W. HALL, DES MOINES, IOWA.

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Geo. S. Barnes.

Battle Creek, Mich.

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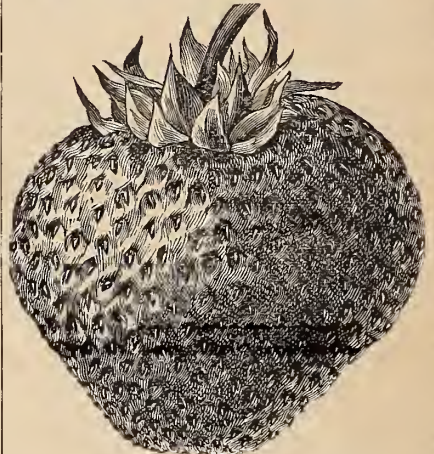
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The American FANCIER and BREEDER.

A MONTHLY MAGAZINE DEVOTED TO POULTRY CULTURE.

Vol. 20.

DE KALB, ILLINOIS, JANUARY, 1902.

No. 1.

Special Purpose Fowls.

While the poultry business is growing beyond the growth of other industries, it is a patent fact to every observer that fowls have not received the thoughtful attention and comfortable housings according to that of other farm stock.

Many who have been and still are engaged in this vocation did not, or do not, understand the first principle of the industry, and did not or do not possess any practical experience whatsoever in poultry culture, and yet they will engage therein with the expectation of what in any other business would be phenomenal returns from an occupation well prepared for, and should the first year, or at most the second, fail to bring them a competence, they invariably attribute the lack of success attendant upon the poultry business to the business and not to themselves.

One has no more right to expect invariable large returns from hens than they have from other farm stock, field crops, dairy or orchard. All branches of agriculture are profitable under certain conditions.

Misapplied effort or ignorance of the needs of the work in hand has never, nor will it ever, result in success, and the person who engages in poultry raising cannot afford to remain in ignorance of the merits and disqualifications of the breed or variety of fowls they have selected as the best adapted to the market they are to cater to, and equally necessary is some knowledge of the commercial value of their poultry products.

The American standard of perfection is the law governing all poultry judging, and is the only accepted and authorized description of all the different varieties of poultry, and, while this might be termed assential only from the fancier's standpoint, no one will regret the time spent to acquire a degree of knowledge that will make one intelligent as regards the true excellences of the fowls under their care.

The best type of western agriculturists are ever desirous of producing the very best grade of live stock, dairy products, wool, grain, hay and fruit: why be content mediocrity in the poultry yard?

Now that certain breeds of fowls have been intelligently mated for a given purpose for such a term of years as has been made certain desired traits fixed characteristics, one need not err in selecting the variety that will excel in the line desired, for there is as great a difference in types of fowls that excel in egg production, and those that are sup-

erior as market fowls, as there is between the dairy and beef type of cattle.

Persons who have studied the subject with that degree of intelligence that thoughtful people accord to matters of importance, tell us that is a marked difference in the physical construction of the dairy and the beef cow; that the reason for this is that the one has been bred to secure a large capacity for storing away food and returning it in the form of dairy products, while the other is bred with the object of converting food into flesh with the least waste possible, that they may secure the meat product in the most economical manner. This is a practical object lesson that poultry raisers would do well to apply their own fowls, if they would secure increased profits.

Many poultry breeders are and have been for some time past thoroughly alive to the need of rearing either the most prolific egg producers or the best and most desirable meat producers (and we hope the number will increase). The poultry breeders of known reputew repute, with but few exceptions, have ceased to prate about or to clamor for recognition for their so-called general purpose fowls; they are coming to admit that like the dual cow, such breeds have served their object and must now give way to specialty breeds, for in the present day, we are bound to acknowledge that in poultry products, that quality enters into in business.

Every year the general public is coming to recognize that in the poultry world the value of birds of known ancestry possesses superior merit in transmitting desirable qualities to their progeny, and individual records of the best laying hens and the selection annually of the birds making the highest egg yield for the breeding pens each season, mated to a male that comes from equally meritorious egg strains, can but result in an increased number of eggs yearly, with the natural effect of an increase in profit.

If one is so situated as to supply remunerative markets in both poultry meat and eggs it will be far better to keep two distinct breeds, each possessing to the highest degree of excellence the requisite qualities. Were such a course habitually pursued the poultry industry would the sooner occupy a status of reconized importance commensurate with its real worth and the incentive to keep a better grade of fowls would receive an impetus because of increased prices and the superiority if the product offered.—Alma Cole Pickering.

When To Start The Incubator.

The incubator should be put in operation during November, and the earlier the better. First, hatches are not always the most satisfactory, and by thus getting an early start, even though at first a failure. We have still time to begin again, and be ready for the highest prices which always rule during April and May. Have everything in perfect before attempting to fill the incubator with eggs. Test the thermometer, and see that the incubator will retain from 101 to 103 degrees of heat with no great variation at any time.

Unless a cellar has been specially constructed for the purpose, it is better to select a warm dry room, where the temperature may be kept a near sixty degrees as possible. A stove or grate will serve to keep the room warm, the object being to simply provide protection during extremely cold weather.

When all is arranged and the incubator in perfect order, select first eggs of niform size and none that are over large or misshapen, and only enough to fill the chamber without crowding.

If the eggs have been kept in a cool place the temperature in the incubator will at first be reduced to perhaps sixty degrees, but will in a few hours regain its required heat.

Do not presume that the maker of the incubator took you seriously, when he told you that it was automatic and that a five-year-old child could operate it. That is the only one of his trade jokes, which he feels should be worked off on the buyer.

Incubators are not automatic, neither can a five-year-old child operate one. On the contrary, they require the closest attention, both day and night. The eggs must be turned every twelve hours; once a day; moisture must be supplied at the proper time, and the lamp must be trimmed and filled daily; in fact, there is no time during the twenty-one days when they do not require our constant care.

After the seven days the eggs should be tested, and all those that are infertile should be removed and fed to the chickens. Seven days of incubation will not spoil an infertile egg, and many of those used by bakers in large cities are said to have been tested from the incubators of the large poultry farms. Any good incubator, if properly handled, will hatch chickens, but not every man can raise them after that.—Home and Farm.

Keep your fowls warm and give them a warm mash once a day and watch results.

Coming Poultry Shows.

AUBURN, NEW YORK—Cayuga County Poultry and Pet Stock Association, January 28-31. Fred I. Roe, secretary.

BELVIDERE, ILLINOIS—Northern Illinois Poultry Association, January 12-17. Charles McClave, judge; L. R. Kimmey, secretary.

BELLEVILLE, ILLINOIS—St. Clair County Poultry Association, January 7-11. Theo. Hewes, judge, Walter E. Eckert, secretary.

BRISTOL, VT—Addison County Poultry Association of Bristol. Jan. 26-31. Geo. S. Farr, Sec'y.

CAMBRIDGE, OHIO—Cambridge Fan- ciers' Association, January 7-10. Ira Keller, judge; James C. Sarchet, secretary.

CANTON, OHIO—Canton Poultry and Pet Stock Association, January 15-21. Ben S. Myers, judge; Clarence Bruce, secretary.

CHARLESTON, ILLINOIS—Eastern Illinois Poultry and Pet Stock Association January 12-16. A. B. Shaner, judge; L. E. Baird, secretary.

CLARINDA, IOWA—Clarinda Poultry Association, January 12-17. Thos. F. Rigg judge; Walter A. Brown, secretary.

DELAVAN, WISCONSIN—Southeastern Wisconsin Poultry and Pet Stock Association January 6-10. F. H. Shellabarger, judge; F. H. Gregory, secretary.

DELAWARE, O.—Delaware County P. & P. S. Assn. Jan. 12-16. J. T. Perry, Sec'y.

FINDLAY, OHIO—Findlay Poultry and Pet Stock Association, January 21-24. F. C. Shepherd, judge; Will E. Heck, secretary.

FREMONT, OHIO—Sandusky County Poultry and Pet Stock Association, January 13-17. C. L. Bowlus, secretary.

GREAT BEND, KANSAS—Barton County Poultry Association, January 5-11. Thos. W. Southard, judge; W. A. Dunn, secretary.

HIGH POINT, NORTH CAROLINA—North Carolina Poultry Association, January 13-20. R. L. Simmons, secretary, Lexington, North Carolina.

KENOSHA, WISCONSIN—Kenosha Co. Poultry Association, January 26-31. A. B. Shaner and L. A. Jenson, judges; Dr. J. T. Hensheim, secretary.

MUSKEGAN, MICH.—West Michigan P. & P. S. Assn. Jan. 13-16. O. P. Greer, Judge, P. P. Stekelee, Sec'y.

MONTEVIDEO, MINNESOTA—West- ern Minnesota Poultry Association, February 9-12. A. B. Shaner, judge; Louis Arnold, secretary.

NEW ALBANY, INDIANA—Hoosier State Poultry and Pet Stock Association, January 14-21. Theo. Hewes, judge; H. C. Gifford, secretary.

OWEN SOUND, ONTARIO—Owen Sound and County of Grey Poultry, Pigeon and Pet Stock Association, January 19-23. F. B. Zimmer, judge; Robt. H. Cameron, secretary.

PAINESVILLE, O.—Painesville Poultry and Pet Stock Association. January 21—26, 1903. M. E. Wurts, Wick Hathaway Judges. F. G. Johnson, Secretary.

PONTIAC, MICH.—Pontiac Poultry and Pet Stock Show. Jan. 13-17, 1903. Daniel Thomas, Sec'y.

ROCHESTER, NEW YORK—Flower City Poultry and Pigeon Association, January 16-23. F. B. Zimmer, H. J. Quibot and W. C. Denny, judges; John Drechsler, P. O. Box 472, secretary.

SIOUX FALLS, SOUTH DAKOTA—Queen City Poultry Association, January 27-31. F. H. Shellabarger and Theo. Hewes, judges; F. K. Pruner, secretary.

STUART, IOWA—Stuart Poultry Association, January 13-16. F. H. Shellabarger, judge; Mrs. D. Davis, secretary.

TROY, MISSOURI—Lincoln County Poultry Association, January 13-15. Stuart L. Penn, secretary.

Fitting for the Show Room.

The show season is at hand and the poultryman who intends to compete in the show room for honors should begin to put his birds in shape to make their best appearance, for it is a fact that careful preparation goes a long way in winning prizes.

With the ethical side of the question of plucking out false feathers we have nothing to do. The plain fact is that it is the common practice to pluck out false feathers and the exhibitor who does not do this will fail.

The practice is so common that it is no longer any secret that it is followed, any more than it is that breeders of Shropshire sheep clip their show animal or that the breeders of Jerseys trim the hair from the tails of their cows.

A prominent breeder, who is always in the first rank as a judge, said to us not long ago that there was hardly to be found a Barred Rock that was entirely free from black feathers. We would all be glad to be able to breed our Barred Rocks so they would not show on occasional black feather, and our White Rocks and Wyandottes without black specks, our Brown Leghorns and other colored breeds free from white but we have not attained to perfection yet and whether we have plucked false feathers from our show birds or not, every experienced breeder knows that in a great many instances the birds that appear in the show room have been very carefully looked over a good

many times before appearing.

We believe a breeder has a perfect right to show any specimen that he would put into a breeding yard and as long as judges take particular pains to find microscopic defects, as they do under the present system of judging, exhibiting will not take the feathers if they do the bird.

When all disqualifying clauses are left out of the Standard and judges are left to use their own common sense in cutting for defects that now disqualify breeders will not be obliged to be so careful about the smaller defects.

When birds are judged by their shape and by what can be seen without taking them in hand, we will have more satisfactory awards and better shaped birds, while their appearance will be just as good as it now is.

However, we must show under conditions as we find them. Not that we think conditions are right or the customs of judges well founded. We are treating of things concerning poultry shows as we know them to be.

The birds should be handled every day and several times a day until they will remain quiet when being looked over. They must be free from vermin and the plumage should be clean, bright and in the best condition. White birds should be well washed and rinsed in clean water to get the soap all out of the plumage. The rinsing water should have a very little indigo in it to clear up the color. This washing should be done in a warm room and the birds should be kept warm until their plumage is dry. Never mind if they do look a little mussed up when first washed. They will preen themselves until they are smoothed out.

Oil the comb, face and wattles with sweet oil and just before they are to be shown a little alcohol may be added to the oil. Clean the shanks thoroughly with a toothbrush and soap and water, then polish them with a flannel rag which has been oiled and sprinkled with emery powder.

Keep the fowls in clean conditioning coops in which there is plenty of fine or short straw. Feed them until they are plump and firm to feel of and in vigorous health.

When you have done these things you have done all you can. Further than this depends upon quality as estimated by the judge—Commercial Poultry.

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White Wyandottes.

No fowl has received more attention in past few years than the White Wyandottes. None is more deserving of same than they. If there is any best they have at least equal right to the claim with any other. Fine of form, beautiful of plumage, always ready for dress parade or useful duties, for eggs, for market as either broiler or roaster, they have no superior, and when in good condition of plumage are a most beautiful fowl to look upon.

Being sports of the best shaped of all Wyandottes—the Silvers—they began life with in the best form. This has not been neglected while color was improving; both have advanced together, side by side to their present condition of perfection.

We shall relate a circumstance concerning them that will no doubt give many of us a reminder that we should not keep our light under a measure, but, like the man in question, come out into the plane of public gaze.

Last winter there came into the Secretary's office at Boston a man who stated he would like to place on exhibition in the Boston show room some White Wyandottes, just to see how they would compare with those bred by noted producers. A pen of White Wyandottes were entered and a price placed upon them in the catalogue. These birds won first prize and were bought by an expert as soon as seen. To him who bred them came a shower of orders for stock, the result of having entered his pen of fowls at the Boston show. Next to the columns of our poultry journals, exhibitions are the best place to advertise.

Such circumstances occur each winter. One of the most successful show birds I have ever seen was bought in the yard of an amateur for two dollars. If the bird had been shown by the producer his name would have stood among the most successful; as it is, he goes on in blissful ignorance of the quality of his stock, showing the value of gaining a show record. Every one who breeds high class fowls should place them on exhibition among the best to satisfy himself of their quality. If more amateurs would become exhibitors the ball of success would roll about more often. The best has not yet been found.—T. F. McGrew.

Hatching Eggs With Bees.

John Norton of Macomb, Ill., has for several years been interested in bees and has given them and their habits much study. It was this study that led Mr. Norton to devise one of the most interesting and at the same time most practical schemes of modern poultry culture. It is nothing more or less than the hatching of thrifty and strong chickens in hives with the bees.

In watching the daily life of the busy insects Mr. Norton noted that they laid and hatched eggs. It at once occurred to him that if bees eggs would hatch that the eggs would hatch that the eggs of hens might also be quickened into life under the same conditions. He began experimenting and with the final result of a practical, perfect and cheap incubator.

It is made as follows: A common hive is built with double walls, the dead space being filled with chaff in order that changes of

temperature without may affect as little as possible the temperature within. Upon this hive is placed the common box cap that usually forms the second story of a hive and which contains the honey of commerce. The main hive is filled with small boxes so familiar to all and these contain the brood comb and a supply of honey. Over these boxes is placed first a piece of oil cloth and second a cloth blanket. Upon this blanket the eggs are placed, and above them two bags of chaff, filling the top and so arranged that there is a slight cone of vacant space beneath the bags in the hive. The egg having been placed in the hive are left to the care of the bees. The heat from the bees below and from the brood comb keeps the eggs warm, and they hatch in exactly the same time as beneath a hen. No matter what the temperature without, that within never varies half a degree. If it grows cold the bees begin to devour the honey and give off heat. If it becomes warm without the bees create a draft with their wings and maintain an even temperature.

From fifty fertile egg at three different times placed in the hive, Mr. Norton has hatched fifty strong chicks, a record seldom equalled by hen or incubator. The eggs require no moistening as in an incubator. They need only to be placed there and allowed to remain till the period of incubation is passed. The chicks as they hatch, crawl into the little cone like space between and under the bags of chaff, and are found hungry and happy when the hive is opened. Mr. Norton is to be congratulated on the success of this experiment.—Ex.

The AMERICAN FANCIER and BREEDER

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Too Poor To Lay.

Why is it that when the inquiry, "What is the matter with my hens they don't lay?" is made, the answer is (nine times out of ten) —"They are too fat." We have bought from the average farmer a considerable of his surplus poultry. We ship to Pittsburg markets, and these markets require all poultry to be drawn. I have drawn hundreds, and I know to a certainty that the very fattest hens are always the ones that will contain the eggs. I have never found a fully developed egg in a poor hen or even in one that was moderately fat. This is no theory that I am preaching, and I think that if those who are preaching "hens too fat" would try buying from farmers a lot of market poultry to be drawn they would turn from "too fat" to "too poor." At any rate, I am not afraid of getting my hens too fat. They are laying right along through this cold weather, do not get out of house at all. The floor of scratching room is well littered with clover chaff and any time in the day I can go out, scratch off the litter, find oats, wheat and small nubbins of corn in abundance. I have made a careful study of the hen and until a hen is past two years old there is little danger of getting her too fat. For as soon as her system reaches a certain place she turns the surplus into the egg basket if she is of an egg-laying breed. If she is not, don't expect too many eggs. If you have a dairy cow, you must keep her in the

best possible condition if she is to do her best in filling the milk pail. The more you try to put on the back of a good milk cow the more she will put in the pail. And I find the more I put into my breed of chickens the more eggs I get.

The advocates of single matings in the breeding of parti-colored birds may theorize to their hearts content yet but very few of them can put both cockerels and pullets into the show-room, that are full of brothers and sisters, and have them reach winning positions in both cockerel and pullet class. They cannot produce a high degree of standard quality in both cockerel and pullet that are full brother and sister. The claim is often made that it can be done, but it is very seldom indeed that birds are produced to substantiate such a claim. At all of our large shows where competition is strong, but it will be found that the great majority of the winners in the parti-colored classes are bred from double matings, experience having demonstrated that the single mating cannot produce the extreme high quality, in both male and female, necessary to win with at such shows. It is, of course, possible to produce a fair degree of quality in both cockerel and pullet from a single mating, such as might win at minor shows, but for "gilt edge quality" and its productions we must resort to the double mating.

A BEAUTIFUL PICTURE.



Above is a reproduction of a beautiful picture entitled "The Favored One". The original is an elegant oil painting by a famous French artist, and has attracted attention wherever exhibited. It is now owned by Geo. H. Stahl, of Quincy, Ill. Mr. Stahl has had a limited number of views in natural colors, suitable for framing, size 14x14 inches, and if you will send him four cents in postage to cover cost of packing and mailing, he will send you a copy free of charge. If you will mention American Fancier & Breeder he will also send you one of his handsome new catalogues, containing 14 colored views of Incubators and Brooders, including one showing the "Development of the Chick" from the first to the twenty-first day. Write at once, for the supply of views is limited.

A COMFORTABLE AND ARTISTIC HOME.

Homemakers will be interested in the "all-around house" described in The Delin-eator for February. The example is a house of moderate cost, equipped with modern conveniences, and in arrangement artistic and comfortable. The well-known but often-violated principle of architecture that buildings should be in this case; and the interior, in decorations, furnishings and practical-workings is a model of taste and convenience. The illustrations offer numerous suggestions that can be carried out in other homes.

The Shareholder

is Wall Street's leading Financial Paper and is the only paper reporting actual sales of mining, oil and other Unlisted Securities. If you have stock for Sale or Exchange communicate with the Exchange Department, THE SHAREHOLDER, 68 Wall Street. New York.

HOW'S THIS?

How would you like to have your name on what is called a LINOTYPE SLUG? Well, you can get it free. With this little article you can stamp your name on handkerchiefs, towels, linens, etc., or any thing of such nature; you can also use it for printing your visiting cards. This is the "real thing" as a novelty, and the very first time anything of its kind has been offered. Now we are just doing this in order to introduce our monthly magazine for young men and women and the home—X-RAY MONTHLY. It is up-to-date in every particular and is quite unlike the average monthly home paper. Its stories are by the best writers; its departments are edited by the ablest to be secured; its appearance presents a most attractive one, and taken as a whole, X-RAY MONTHLY has no equal. On receipt of a silver dime we will give you a year's subscription, and will also immediately forward you your name LINTYPED.

20th Century Publishing Co.,
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RIPANS

Owing to close confinement in business I suffered from a bad touch of indigestion, so much as to cause me intense pain. My tongue was coated; had severe pains around my eyes and felt miserable. Through the persuasion of a friend I tried Ripans Tablets, and after taking them for two days I obtained some relief. I kept on taking them, and can safely say they have cured me.

At Druggists.

The Five-Cent packet is enough for an ordinary occasion. The family bottle, 60 cents, contains a supply for a year.

A FORTUNE IN SIGHT

The Superior Copper Company.

ORGANIZED UNDER THE LAWS OF ARIZONA.

Capital Stock, 1,000,000. Shares \$1.00 Each.

Full Paid. Non-Assessable.

PIMA DISTRICT, PIMA COUNTY, ARIZONA.

Operating The "Superior" Group of
Copper and Gold Mines.

The property of the Company consists of Claims. Titles perfect, covering mineral territory of 200 acres. Stockholders exempt from liability.

No debts, liens or incumbrances of any kind.

As soon as the work of sinking the new shaft is completed, the mines can begin producing and shipping ore at a profit.

Mines easy hauling distance to railroad. Water in abundance, and wood and fluxes conveniently at hand.

LOCATION. The mines are located 26 miles southerly from Tucson, a railway station on the Southern Pacific Railway in Pima County, and about six miles southwest of Twin Butte and about seven miles south of the San Xavier Mines. The District in which the mines are located is famous as a gold, silver and copper producer and is one of the richest mining regions in the country.

All of the veins are strong and in solid formation. The vein that crosses the "Superior" is 10 feet thick and is traced for 300 yards, which carries 11 percent copper, \$12 gold, 17 oz. silver per ton. Within 25 feet of the "Superior" it shows in the iron croppings considerable carbonate of Copper ore that assays 11 percent Copper. The 85-foot shaft was sunk 50 yards east and down the hill from the junction of these two veins. Recent development on the "Chatauqua," adjoining the "Huron" on the north, has exposed a four foot vein of quartz, free milling ore, that will average at the surface \$5 in Gold per ton, and it has every indication of improving as depth is reached. Upon this claim there was found float twenty years ago, 4,100 pounds of which produced over \$60,000 in gold.

A limited amount of the stock, full paid and without personal liability, is offered for sale for development of the mines at

10 CENTS PER SHARE. PAR VALUE

You will make no mistake in buying this stock and buying quickly. are so high that they will be beyond your reach.

The time is now. Don't wait until values

100 Shares will cost.....	\$10.00
250 " " "	\$25.00
500 " " "	\$50.00

1000 Shares will cost.....	\$100.00
5000 " " "	\$500.00

AUGUST 20th PRICE OF STOCK WILL BE 20 CENTS PER SHARE.

Remittance should be made by check, draft or P. O. or Express Money order to the order of the company. Write for our prospectus It will tell you many things, some of which you may not know.

Superior Copper Company,
20 Broad Street. NEW YORK

AN INVESTMENT WHICH WILL PAY.

We would like to interest you in the California Fortune Oil Co., shares of which we are now selling at 50 cents, (par value \$1.00.) The company has the

Three Best Wells In California.

Oil Contracted For Five Years.

A Low Capitalization.

Capable and Honest Management.

We will give \$1000 - To anyone who will prove that we did not sell stock in the Peerless Oil Co. of California 18 months ago for 50 cents a share. To-day these shares are selling for \$9.25 a share in San Francisco, and the stock is paying regularly 6 per cent a month dividends. We candidly believe the California Fortune Oil Co. to be equally as good a proposition. Isn't that better than 3½ to 4 per cent from a savings bank?

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The Los Angeles & Beaumont Oil Company.

Now own a GUSHER on their property at Spindle Top Beaumont, Texas.

The well is considered one of the BEST in the Field.

Contracts have been made for the sale of \$64,000 worth of oil to be taken out as fast as it can flow from the well. The company have ground enough for another well, and are selling stock now at 15 cents per share to help put down this well. The money from the sale of oil will go towards **paying dividends** and not toward putting down this new well. There is no speculation about buying stock in this company at 15 cents per share, for already

WE HAVE THE WELL AND ARE SELLING THE OIL.

This stock will not remain long at this price. **Do not delay your investment. address all**

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Los Angeles, California.

Wheat is Best.

Wheat is undoubtedly the best grain food as a man dependence for breeding fowls, as well as for growing chicks. When it comes to fattening poultry, for either market or table use, nothing can be found better or cheaper than corn, in its different forms.

Of course, it is well to give some little variety in feeding, but for the main food for poultry, breeders should rely on wheat first,

last and always. Some recommend screenings, which are very good, tho' are seldom as cheap, considering the amount of available food in a bushel of sound marketable, second quality wheat, although the former may be considerably less in price. In the latter place you pay for dirt and other seed which the fowls will not eat. The breeder must decide this point for himself when he has to buy the food for his poultry, wheth-

er is cheaper to buy screenings or the screened, marketable wheat, as some screenings contain a large proportion of grain, while others contain so little as to be of little value to the poultry breeder.—Poultry Item.

One of the very best feeds for a sick fowl is powdered wheat.

No stock will derive more good from sour milk than growing fowls.

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The following remark recently made regarding our firm by one of the well-known financiers of New York was both flattering and appreciated, for it expressed what we are striving for:

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Manufactured from best quality of hard flinty stone, 97 per ct. carbonate of lime. Made in two sizes. Price 100 lbs 40c; in 500 lb. lots 30c per 100 lbs. Sample for stamp. **NEHAWKA GRIT CO.,**
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for cash no matter where located. Send description and selling price, and learn my wonderfully successful plan. **W. M. Ostrander, 1215 Filbert St., Phila., Pa.**

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of the choicest breeding for sale. All bred from high scoring pens. Eggs for hatching. Write for prices and full information. Address **Lloyd E. Thompson, Sterling, Ill.**

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THE

BELGIAN HARE**Can Put Dollars in Your Pocket.**

Send for our free Booklet "Why you should Breed Belgian Hares." Don't buy until you read this book. Those who start now will make big money the next two years. The demand for good breeding stock will be larger than the supply.

GROVE STOCK FARM,
Warrenton, Ohio.

Wanted To Sell.

500 of my Barred and White Plymouth Rocks, Silver Laced Wyandottes, Light Brahmas. To readers of this paper I have show birds, also breeders. I guarantee to please every customer or his money back, try me and see. **J. A. ROADRUCK,**
Tripp Co. Buck Creek, Ind.

I restore faded Daguerreotypes.

That's my specialty. I do it well and never spoil a picture. Send for particulars, etc. **T. H. LEE, Seneca, Kan**

Incubator Eggs.

From November to January there is a demand for incubator eggs. The people who make a specialty of broiler raising cannot, as a rule, produce all the eggs which they need for the purpose. The poultryman who has succeeded in making the fact known that he understands how to care for his flock in order to make it produce a reasonable per cent of fertile eggs can build up a permanent trade in this line which will be exceedingly profitable. He must confine himself to a breed however, which is approved by the broiler raisers. The Plymouth Rocks and the Wyandottes make good broilers, the latter being the preference of the majority of those engaged in the business. Eggs from mixed lots of hens are not in demand for this purpose as the product will lack uniformity, and to greater or less extent will be deficient in the broiler making qualities. As broiler raising is not carried on to any large extent except in the neighborhood of the large cities of the East, it might be supposed that there would be no sale for incubator eggs in the West. This writer lives in north western Iowa, and we are just finishing out a contract for five hundred incubator eggs to go to New York. When that is completed we have another to begin on for California. We get five dollars a hundred for the eggs delivered to the express office here. We look upon it as a good winter business, and propose to put ourself in a position for carrying it on a larger scale. The New York order would be duplicated if we had the facilities for filling it. We have the breed which exactly suits this customer and the shipments which we have sent to him heretofore seem to have been very satisfactory. If this were not the case he would not send eight hundred miles for our eggs. There must be scores of egg farmers in his own neighborhood who keep the same breed that we keep. We are telling what breed we keep, as that would lay us open to the suspicion of trying to use the reading columns of the Farmers to further our private interests, and, as a matter of fact the breed cuts no important figure in the case so long as it is confined to the list which is generally endorsed by those in the broiler business. The broiler raisers, like the egg farmers, are not a unit in their opinions as to which is the best breed for this purpose. Some of them no doubt would not accept our eggs as a present, as they have an established trade which calls for a product altogether different. The thing for the egg farmer to do is to find out who wants eggs of his kind, and then be so careful and pains taking in filling the orders when he has succeeded in getting them that the customer will feel secure in giving him more of them every year. You cannot put a business of this kind solidly on its feet in one or two seasons, but in the course of time it will be something worth striving for if the power be hind it knows how to make it go.—Wallace's Farmer.

BREEDERS CARDS.

CARDS of 30 words or less, in card column, 1 insertion 50 cents. 3 insertions \$1.00. 6 insertions \$1.75. 12 insertions \$3.00.

Cards with small illustration, of 20 words or less at the above rates. Over this number of words in plain or illustrated cards, 2 cents for each extra word. All cards must be paid for in advance.

CHICKENS, Ducks, Geese, Turkeys, Guinea Pigs, Rats, Mice, Dogs, Cats, Ring Doves. Eggs for hatching. State wants. **Wm A. Bartlett, Box 34, Jacksonville, Ill.**

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Poultry Breeders send 50c for a 20-paged monthly devoted to poultry, etc. Sample 3 cents "Michigan Poultry Breeder," Battle Creek, Mich. Or send 55 cents and receive "Michigan Poultry Breeder," and **THE AMERICAN FANCIER & BREEDER** both 1 year.

GOLDEN SEBRIGIT BANTAMS bred from Crystal Palace Winners. Breeders in my yards score from 92 to 96. Eggs \$3.00 per 13; \$5.00 per 26. Send for illustrated catalogue. Free. **Lea M. Munger, DeKalb, Ill.**

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PIGEON Book, illustrating, describing all varieties, arranging loft, feeding, breeding, caring for, 5 cents. 1,000 Pigeons for sale, prices sent free. **Wm. Bartlett & Co., Box 34, Jacksonville, Ill.**

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1890

1901

**ROYAL BLOOD
Silver Laced Wyandottes
For Sale.**

Winners Big 4 Show, Sioux City, Ia., in '98, Lamars, Ia., in '99, National Fancier's Meet, Cedar Rapids, Ia., 1900, and at Neb. State Poultry Show at Lincoln entered to bird, won 1st. Cock score 92½. 1st, 2nd, 3rd Cockerels, score 94¼, 1st, 2nd, 3rd pullets, score 93½. 2nd hen in large class and very warm competition. We have never had but one bird defeated. Never had a bird scored except in the show room. We have a few breeding pens to spare, possibly not up to weight but soon will be, at \$12.50. Pairs at \$7.50. See half-tone of our birds in frontispiece of March (1901) number of this paper. Can't sell you quite as good as those at these at this price, but they will produce Prize Winners for you. Exhibition birds our specialty. If anyone can please you we can.

Ponca Wyandotte Yards.
I. & N. M. CONNOR, PONCA, NEB.

American Poultry Farm.

Our Matings still produce the Winners, and win the Prizes for our Patrons.



Wing of "Match Mark Prince" at the head of one of our breeding pens. Match mark Prince is a most remarkable bird in color and markings, clear, even surface color and nearly perfect in Eye, Comb, Legs and Shape. We value Match Mark Prince at \$100.00 on account of his valuable breeding qualities, mated with high scoring "Blue Bird" hens and pullets. A limited number of eggs from this mating at: \$1.00 per 13; \$7.00 per 26.

the coming season are made up of the finest and most beautiful specimens in each variety we have ever used. These yards are selected from over 1,000 fine birds, and contain large, well matured and vigorous specimens, nearly all of them prize winners. We pack eggs in new baskets, and in such a manner that they will go safely long distances by Express, to any part of the continent and hatch just as well as at home. I guarantee eggs to arrive in good order. I have shipped eggs to nearly every State and Territory, and in almost every case with good results, as I send eggs that are fresh and well fertilized by strong and vigorous male birds, and I know a good per cent of them will hatch if proper care is given. Eggs from Barred Plymouth Rocks from such sires as "Match Mark," "Blue Prince 2d," "Hero Prince 2d," "Sweepstakes 2d" "Blue Jay," \$4.00 per 13; \$7.00 per 26. Five other high scoring sires, such as "Prince Lea," "Champion Prince," "High Mark" and "Hustler" \$3.00 per 13; \$5.00 per 26 Eggs from White Plymouth Rocks, Silver and White Wyandottes, White and Brown Leghorns \$3.00 per 13; \$5.00 per 26. Turkey eggs 50 cents each, from eight special matings. Eggs in large numbers a matter of correspondence. Birds hatched from our matings have won the highest honors in every State in the Union.

Choice Breeding Cockerels at \$2, \$3 and \$5 each.

Suitable to head any breeding yard and sure to improve your stock. 100 choice Breeding Toms and Hens \$3.00, \$4.00 and \$5.00 each. Trios and breeding pens mated for best results; not akin. My strains are noted for their full breasts, deep bodies and broad backs, their extra heavy bone, medium short legs, vigor and hardiness, and their brilliant and perfect marked plumage. All are first-class in every respect, from prize-winning birds, selected for their size, purity of color and exhibition qualities.

VALUABLE ILLUSTRATED CATALOGUE FOR 1903 Showing matings, giving prices of fowls and eggs, also plans and cost for Poultry Houses, and other valuable information, sent free.

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A. J. C. Jersey Cattle of the Highest Breeding for sale Choice Family Cows. Heifer and Bull Calves shipped to any part of the Country. Prices and pedigrees sent on application.

We are giving our friends and patrons the benefit of our 29 Years' Experience in Mating and Breeding. We make a specialty of

Barred and White Plymouth Rocks, Silver and White Wyandottes, White and Brown Leghorns, Bronze Turkeys, Bantams, and Pearl Guineas.

HERE IS A GOOD RECORD.

What our patrons say:

January 3d.—The two Barred Plymouth Rock Cockerels you sold my friend, scores 93 and 94 by B. N. Pierce. I have changed my mind and want to know what you will send me a cockerel breeder for. The youngest cockerel had the finest hackle I ever saw, and also clear yellow legs, nice comb and a strong bay eye. They were well barred to the skin, let me know soon. Yours truly,

A. N. HILLS.

UNIVERSITY PLACE, NEB., Feb. 17, 1901.

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Dear Sir:—I bought some eggs of you some years ago, I like the stock better than I have been able to get since. Please send me catalogue and prices. Yours truly,

W. H. INGRAHAM.

Have won the grand Sweepstakes at Chicago and Rock Island shows, 1887 to 1894 on greatest number of birds scoring 90 points and over; 504 birds scoring 10 to 98½, a record never equalled by any breeder. We shall, in the future as in the past, constantly try to please our friends and patrons and also spend much time and a large amount of money each year in improving our stock of high, pure-bred fowls. Our matings for the past year have proved very satisfactory—as a reference to the scores of the young birds will show—and our breeding yards for



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200-EGG INCUBATOR \$12.80

This perfect 200-egg Wooden Hen at \$12.80 is a startling trade innovation. It will do the work of the most costly hatcher, and always keeps in order. Hatches every fertile egg. Catalogue with fourteen colored views sent free. G.F.O. H. STAHL, Quincy, Ill.



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Poultry, Bees and Fruit--- Pay

a good profit every year. No crop failure. Any one can keep them. If you are now raising poultry get some bees and fruit. They will pay you. The

Poultry, Bees and Fruit

Journal is the only journal devoted to this money making combine. Its readers tell how they do it, give their experience and answer any questions. It has a free Exchange Column for the use of its readers. It will cost you 25c a year or sent on trial 6 months for a dime; stop it if you don't like it. Send today, you can't get a good thing too soon. Address, POULTRY, BEE and FRUIT CO., Davenport, Iowa.

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is an up-to-date illustrated monthly journal devoted to poultry for profit. Contains 24 to 32 pages monthly, filled with the best and most practical information written by the most prominent writers in the country. The regular subscription price of the Standard is **50 Cents Per Year** but for a short time we will receive yearly subscriptions at 25 cents. Send 25 cents at once and receive this bright and spicy journal for an entire year—every issue worth year's subscription. Address, Standard Poultry Journal, Gravitv, Ia.

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one in each town to ride and exhibit a sample 1902 model bicycle of our manufacture. **YOU CAN MAKE \$10 TO \$50 A WEEK** besides having a wheel to ride for yourself.

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DO NOT BUY a wheel until you have written for our **TIRES, equipment, sundries and sporting goods** of all kinds, at half regular prices, in our **big free sundry catalogue.** Contains a world of useful information. Write for it.

WE WANT a reliable person in each town to distribute catalogues for us in exchange for a bicycle. Write today for free catalogue and our special offer.

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GREATEST EGG PRODUCER ON EARTH.

Shortens the moulting season Three weeks. Why let your hens stand around all fall and winter with shriveled up combs and pale faces when **Chamberlain Perfect Mash Feed** will tone up your hens during the moult, making their comb and faces bright and red and start them laying.

By actual test at my experimental farm with 500 hens the egg production was increased 30 per cent. This feed will make your Ducks lay in season and fatten your Chicks, Ducklings and Goslings.

FOR SALE AT FOLLOWING AGENCIES:
\$1.50 FOR TWO BUSHEL SACK.

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